

PROJECT:	_____	UNIT TAG:	_____	QUANTITY:	_____
REPRESENTATIVE:	_____	TYPE OF SERVICE:	_____	DATE:	_____
ENGINEER:	_____	SUBMITTED BY:	_____	DATE:	_____
CONTRACTOR:	_____	APPROVED BY:	_____	DATE:	_____
		ORDER NO.:	_____	DATE:	_____

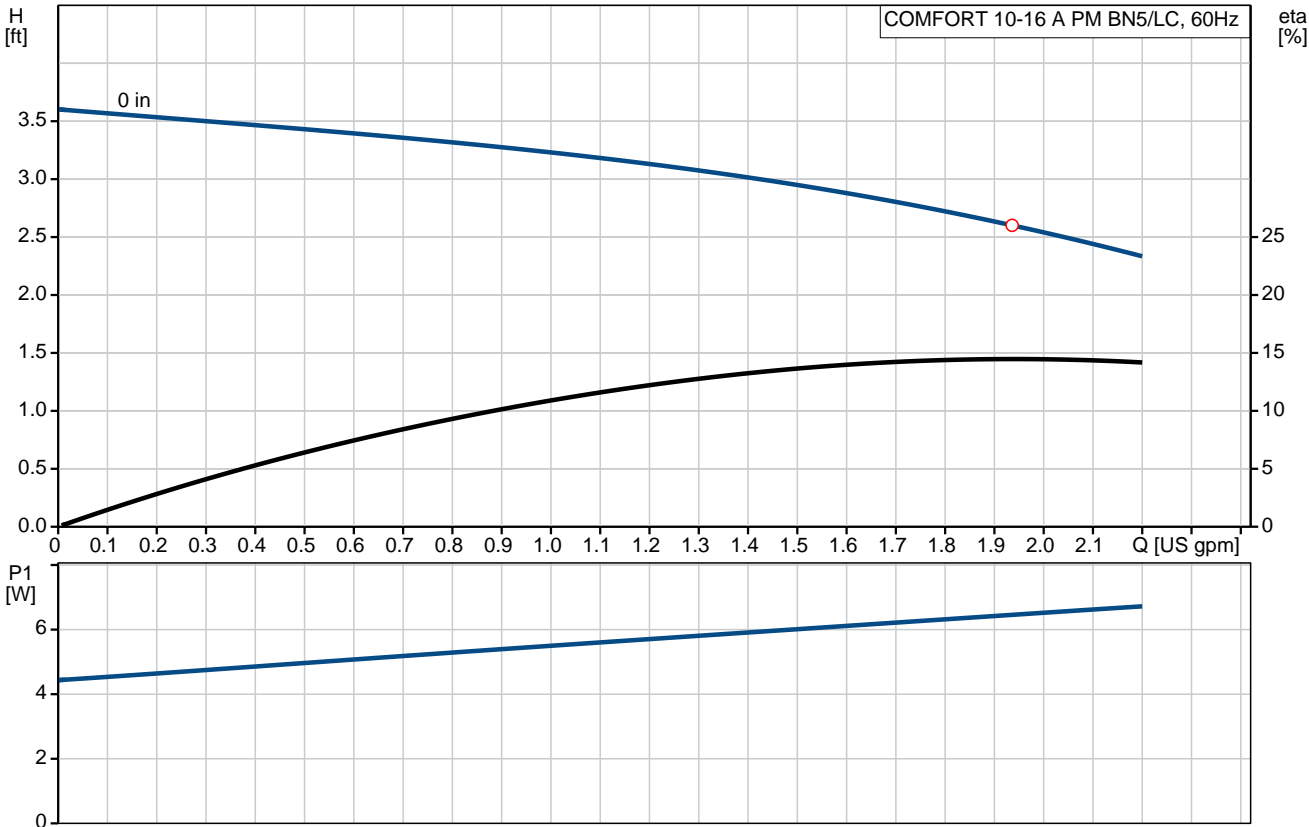


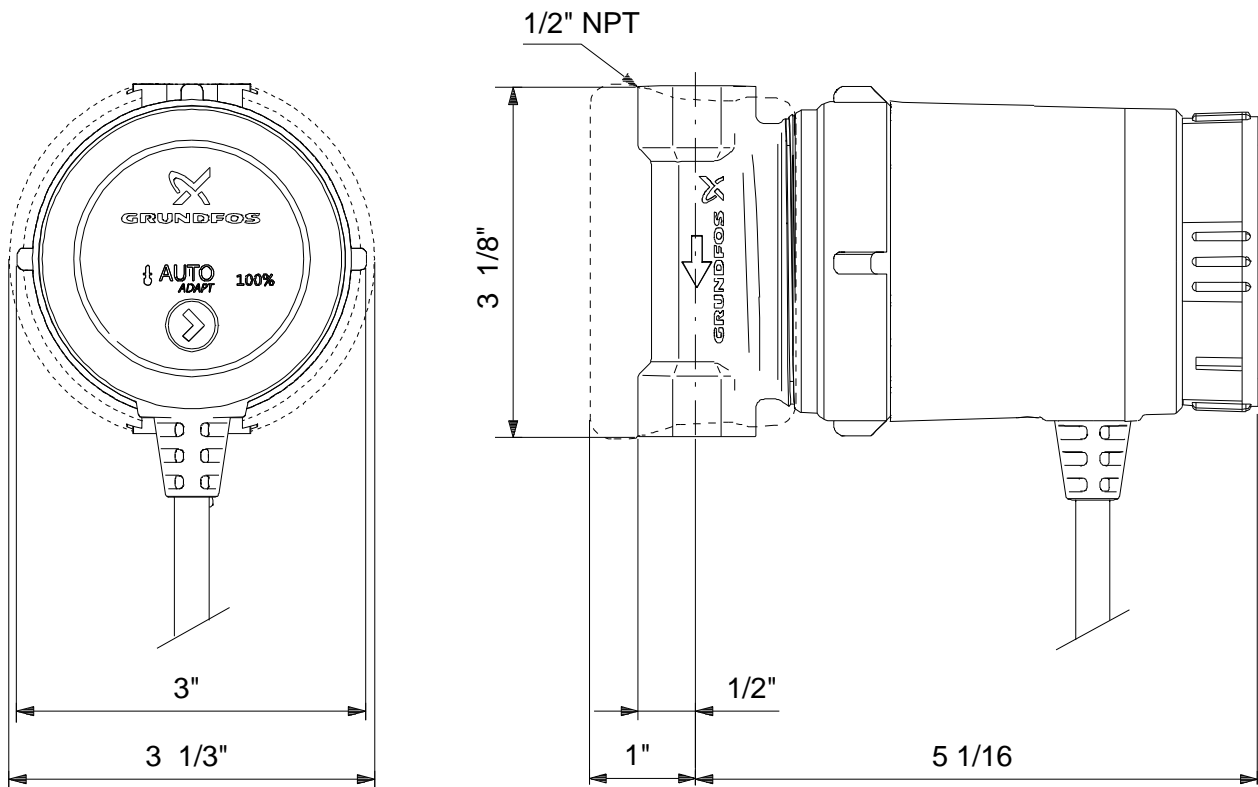
COMFORT 10-16 A PM BN5/LC

Domestic hot water pumps

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: _____	Maximum operating pressure: 145 psi	Max. power input: 6 W
Head: _____	Liquid temperature range: 35.6 .. 203 °F	Rated voltage: 115-230 V
Efficiency: _____	Approvals: UL,CSA	Main frequency: 60 Hz
Liquid: Water	Flange standard: USA Threaded	Enclosure class: IP44
Temperature: 140 °F	Pipe connection: NPT 1/2"	Insulation class: F
NPSH required: ft	Product number: 98420223	Motor protection: NONE
Viscosity: _____		Thermal protection: IMPE
Specific Gravity: 0.985		





**Materials:**

Pump housing: Ecobross

Impeller: Stainless steel, EPDM, PPO, PTFE, Graphit

## Tender Text



Product photo could vary from the actual product

Product No.: [98420223](#)

### COMFORT 10-16 A PM BN5/LC

The high-efficiency Grundfos Comfort PM range is a product for domestic hotwater re-circulation with lead free drinking water suitable pump housing for single- and two-family houses powered by a high efficiency single-phase, 12-pole, permanent-magnet motor.

#### Features and benefits:

- \* Quick and simple electrical installation due to the highly reliable ALPHA plug
- \* dry running detection
- \* Easy-to-clean and lime-insensitive spheric rotor
- \* Wearless operation due to liquid lubricated bearing
- \* No leakage risk due to a static seal
- \* Easy maintenance and cleaning through the easy-to-separate pump head fitting almost all competitor pump housings
- \* Corrosion resistant lead free brass pump housing
- \* No additional motor protection necessary due to integrated motor electronics

#### Liquid:

Pumped liquid: Water  
Liquid temperature range: 35.6 .. 203 °F  
Liquid temperature during operation: 140 °F  
Density: 61.35 lb/ft<sup>3</sup>

#### Technical:

TF class: 95  
Approvals on nameplate: UL, CSA

#### Materials:

Pump housing: Ecobross  
Impeller: Stainless steel, EPDM, PPO, PTFE, Graphit

#### Installation:

Maximum operating pressure: 145 psi  
Flange standard: USA Threaded  
Pipe connection: NPT 1/2"  
Pressure stage: 10  
Port-to-port length: 3 1/8 in

#### Electrical data:

Max. power input: 6 W  
Main frequency: 60 Hz  
Rated voltage: 1 x 115-230 V



Company name:

Created by:

Phone:


Date:

2/21/2018

Current in speed 3: 0,10/0,07 A  
Capacitor size - run: 0.6  $\mu$ F  
Enclosure class (IEC 34-5): IP44  
Insulation class (IEC 85): F  
Cable type: Connecting cord with plug  
Type of cable plug: NEMA 5-15P

**Others:**

Net weight: 2.6 lb  
Gross weight: 3.79 lb  
Shipping volume: 0.12 ft<sup>3</sup>

Position	Count	Description
	1	<p><b>COMFORT 10-16 A PM BN5/LC</b></p>  <p>Product No.: <a href="#">98420223</a></p> <p>The high-efficiency Grundfos Comfort PM range is a product for domestic hotwater re-circulation with lead free drinking water suitable pump housing for single- and two-family houses powered by a high efficiency single-phase, 12-pole, permanent-magnet motor.</p> <p>Features and benefits:</p> <ul style="list-style-type: none"> <li>* Quick and simple electrical installation due to the highly reliable ALPHA plug</li> <li>* dry running detection</li> <li>* Easy-to-clean and lime-insensitive spheric rotor</li> <li>* Wearless operation due to liquid lubricated bearing</li> <li>* No leakage risk due to a static seal</li> <li>* Easy maintenance and cleaning through the easy-to-separate pump head fitting almost all competitor pump housings</li> <li>* Corrosion resistant lead free brass pump housing</li> <li>* No additional motor protection necessary due to integrated motor electronics</li> </ul> <p><b>Liquid:</b>  Pumped liquid: Water  Liquid temperature range: 35.6 .. 203 °F  Liquid temperature during operation: 140 °F  Density: 61.35 lb/ft³</p> <p><b>Technical:</b>  TF class: 95  Approvals on nameplate: UL, CSA</p> <p><b>Materials:</b>  Pump housing: Ecobrass  Impeller: Stainless steel, EPDM, PPO, PTFE, Graphit</p> <p><b>Installation:</b>  Maximum operating pressure: 145 psi  Flange standard: USA Threaded  Pipe connection: NPT 1/2"  Pressure stage: 10  Port-to-port length: 3 1/8 in</p> <p><b>Electrical data:</b>  Max. power input: 6 W  Main frequency: 60 Hz  Rated voltage: 1 x 115-230 V  Current in speed 3: 0,10/0,07 A</p>

Product photo could vary from the actual product



Company name:

Created by:

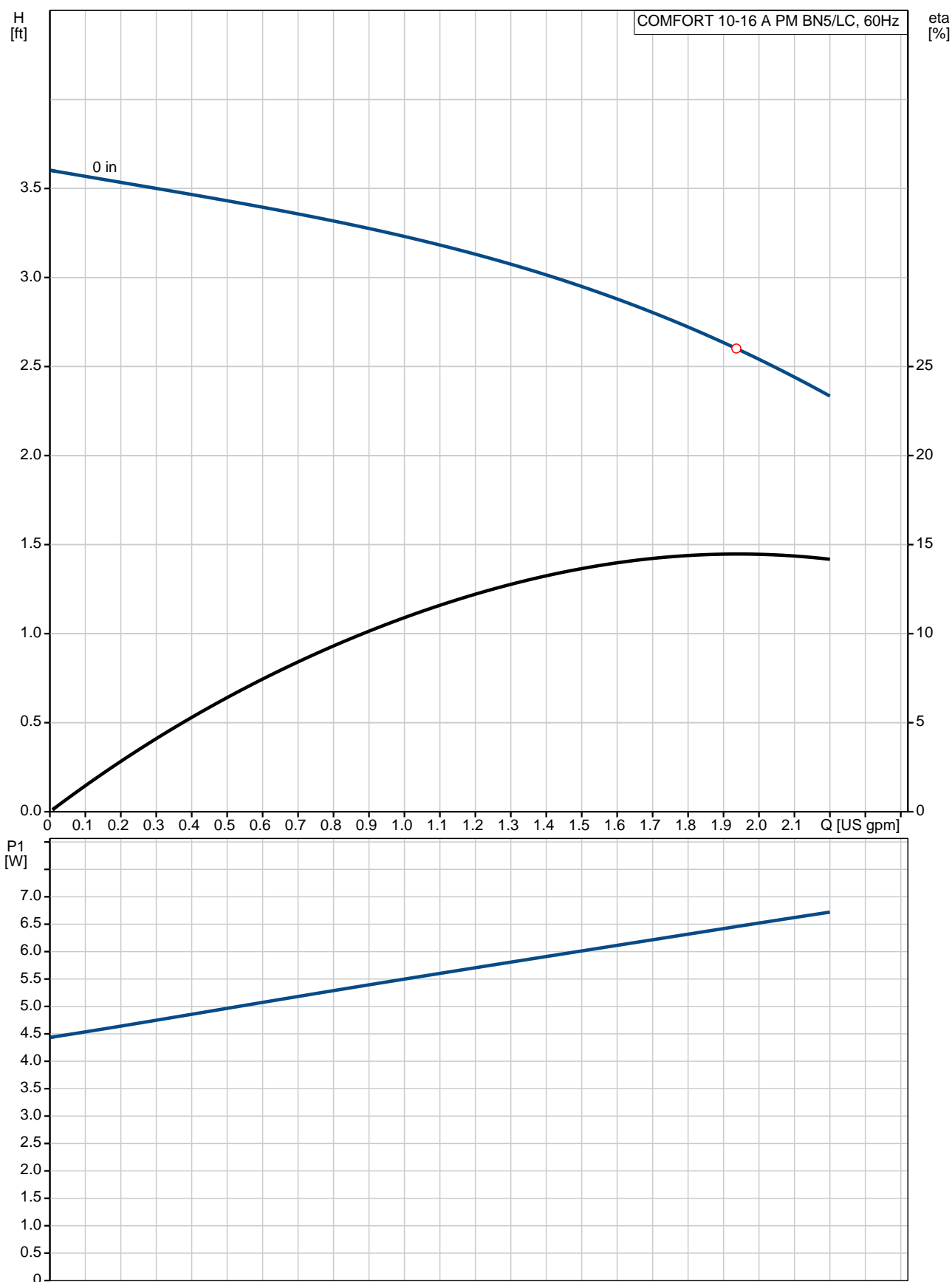
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Date:

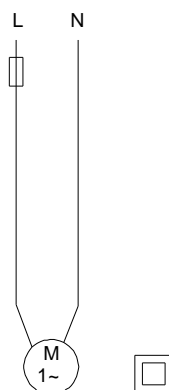
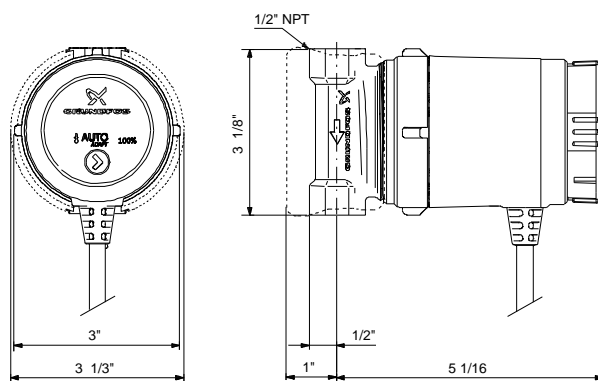
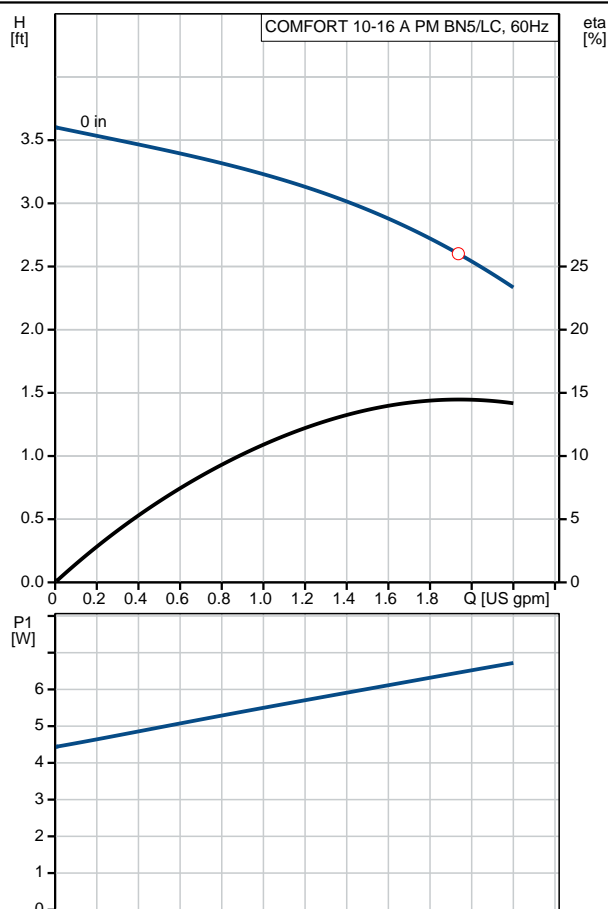
2/21/2018

Position	Count	Description
		Capacitor size - run: 0.6 $\mu$ F Enclosure class (IEC 34-5): IP44 Insulation class (IEC 85): F Cable type: Connecting cord with plug Type of cable plug: NEMA 5-15P  <b>Others:</b> Net weight: 2.6 lb Gross weight: 3.79 lb Shipping volume: 0.12 ft <sup>3</sup>

## 98420223 COMFORT 10-16 A PM BN5/LC 60 Hz

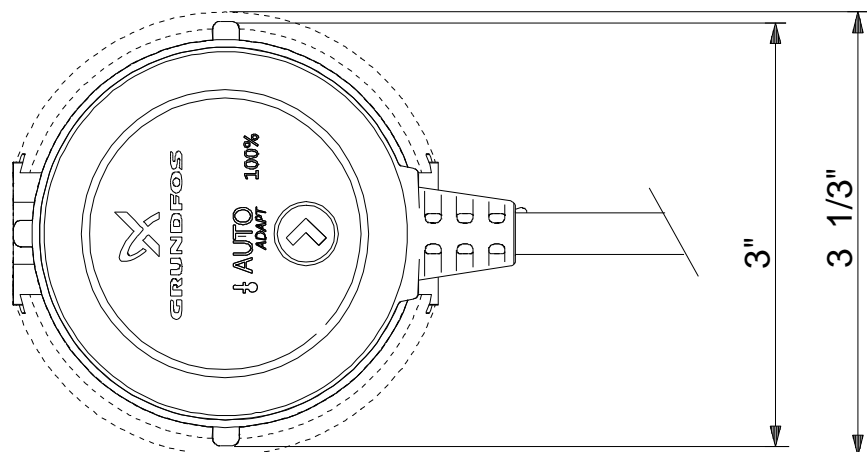
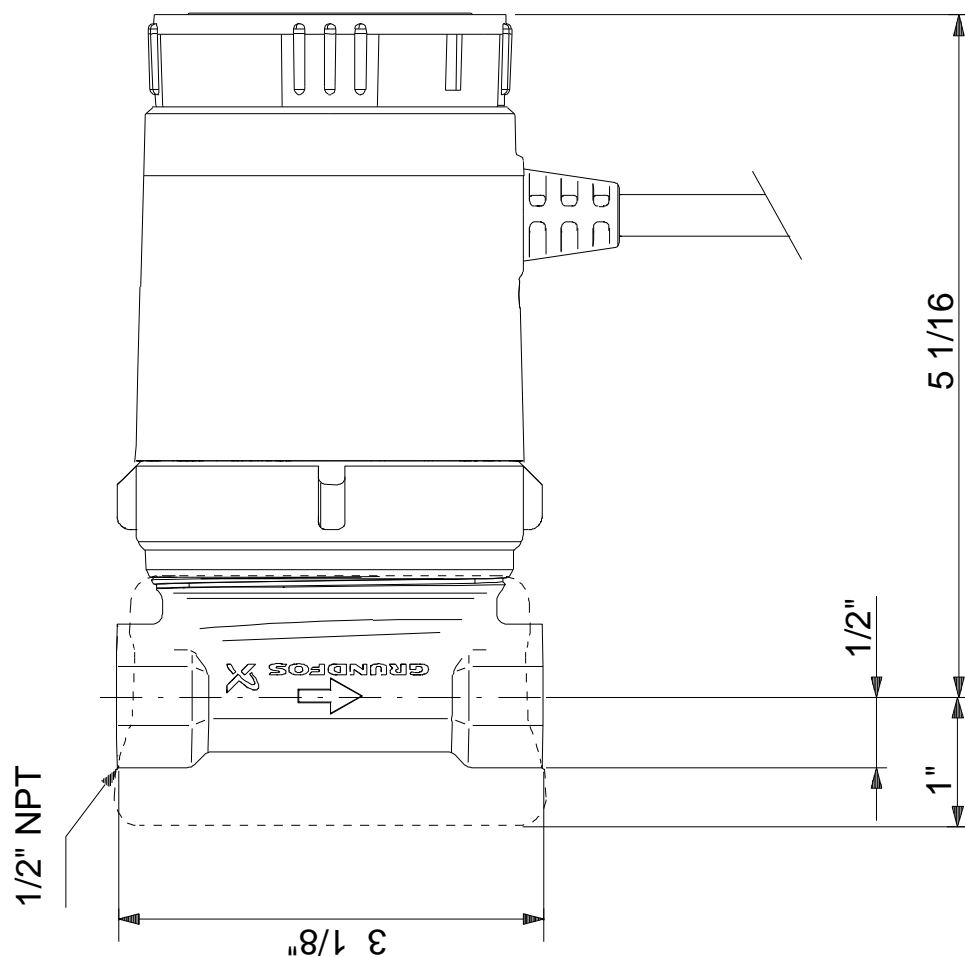


Description	Value
<b>General information:</b>	
Product name:	COMFORT 10-16 A PM BN5/LC
Product No.:	98420223
EAN:	5711494712885
<b>Technical:</b>	
Speed Number:	1
Head max:	5.25 ft
TF class:	95
Approvals on nameplate:	UL, CSA
<b>Materials:</b>	
Pump housing:	Ecobrass
Impeller:	Stainless steel, EPDM, PPO, PTFE, Graphit
<b>Installation:</b>	
Maximum operating pressure:	145 psi
Flange standard:	USA Threaded
Pipe connection:	NPT 1/2"
Pressure stage:	10
Port-to-port length:	3 1/8 in
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	35.6 .. 203 °F
Liquid temperature during operation:	140 °F
Density:	61.35 lb/ft³
<b>Electrical data:</b>	
Max. power input:	6 W
Main frequency:	60 Hz
Rated voltage:	1 x 115-230 V
Current in speed 3:	0,10/0,07 A
Capacitor size - run:	0.6 µF
Enclosure class (IEC 34-5):	IP44
Insulation class (IEC 85):	F
Motor protection:	NONE
Thermal protec:	IMPE
Cable type:	Connecting cord with plug
Type of cable plug:	NEMA 5-15P
<b>Others:</b>	
Net weight:	2.6 lb
Gross weight:	3.79 lb
Shipping volume:	0.12 ft³





## 98420223 COMFORT 10-16 A PM BN5/LC 60 Hz



Note! All units are in [mm] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

**98420223 COMFORT 10-16 A PM BN5/LC 60 Hz**





Company name:

Created by:

Phone:

Date:

2/21/2018

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**Order Data:**

Product name: COMFORT 10-16 A PM BN5/LC

Amount: 1

Product No.: 98420223

Total: Price on request

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